

USSR/Physics
Gases, Liquefied
Viscosity

Apr 49

"Methods for Measuring the Viscosity of Liquefied Gases," A. I. Shatenshteyn, Ye. A. Izrailevich, N. I. Ladyzhnikova, Physicochem Inst imeni L. Ya. Karnov, 2¹/₂ pp

"Zhur Fiz Khim" Vol XXIII, No 4 p. 497-499

Describes a capillary viscometer for measuring viscosity of compressed gases. Measured viscosity of liquid NH_3 at 15, 20, and 25°C. Submitted 2 Jul 48.

57/49T106

LADYZHNIKOVA, N.I.

MOSKVIN, P.A.; LADYZHNIKOVA, N.I., Kandidat khimicheskikh nauk.

Synthetic fatty acids. Izvestiya 46 no.7:37-42 J1 '57. (PLA 10:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Moskin).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gaza i polucheniya iskusstvennogo zhidkogo topliva (Moskva)
(Acids, Fatty)

LADYZHNIKOVA, N.I., kand.tekhn.nauk

Chromatographic method for the analysis of fatty acids. Masl.-zhir.
prom. 24 no.9:28-30 '58. (MIRA 11:10)

(Acids, Fatty--Analysis)

LADYZHNIKOVA, N.I., kand. khim. nauk; SUDARIKOVA, T.I., inzh.

Lactones formed in the oxidation of paraffins. Masl.-zhir. prom.
25 no.7:39-40 '59. (MIRA 12:12)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva.
(Lactones) (Paraffins)

L 43118-65 EWT(m)/EPF(c)/T Pr-4 DJ
ACCESSION NR: AF5005734

6/0318/65/000/001/0017/0019

16
15
B

AUTHOR: Ladyzhnikova, N. I.; Drushina, A. V.

TITLE: Determination of carbonates in motor-oil additives

SOURCE: Nefteprozrabotka i neftekhimiya, no. 1, 1965, 17-19

TOPIC TAGS: carbonate, carbonate content, motor oil additive, additive, gasometric method, carbonate determination, carbon dioxide, carbon dioxide determination

ABSTRACT: A modified gasometric method for the determination of carbon dioxide in additives permitting the determination of carbonate content is described. The apparatus is shown in Fig. 1 of the Enclosure. Flask 1 contains the sample to which 3-5 ml of liquid petrolatum are added. Aluminum wire weighing about 0.015 g is placed in flask extension 2. The flask is connected to buret 9, two-way stopcock 3 is opened, and several milliliters of hydrochloric acid of 1:5 concentration are poured from funnel 4 into the additive. The additive is boiled to complete carbonate decomposition and the generated gas is collected in the buret filled with saturated NaCl solution slightly acidified with sulfuric acid and saturated with carbon dioxide. More acid is then poured into the additive, and when it reaches the

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143148-65
ADDITIONAL NR: AF500573

aluminum wire the liquid is slightly heated. The generated hydrogen displaces the remaining traces of carbon dioxide. As soon as all the aluminum is dissolved, more acid is poured from funnel 4, and when it reaches three-way stopcock 5 of the buret the stopcock is shut. In 5-10 minutes, when the gas is at room temperature, the pressure is leveled to atmospheric with the aid of leveling vessel 8, and the volume, temperature, and barometric pressure are recorded. The gas is transferred from the buret to the pipet (10) filled with a concentrated potassium hydroxide solution (1:2) by opening stopcock 5 and afterward it is returned to the buret where the gas volume is measured. The difference between the gas volumes in the buret before and after absorption by the potassium hydroxide, reduced to normal conditions is the amount of carbon dioxide in the gas volume. The carbon dioxide content is calculated from the relationship $\% \text{CO}_2 = (0.001977 \times 100 \times V_0) / a$, where V_0 is the volume of absorbed CO_2 reduced to normal conditions, a is the additive sample, and 0.001977 is the weight (in grams) of 1 ml of CO_2 at 0° and 760 mm of pressure. The carbonate content is calculated from the relationship $\% \text{M}_2\text{CO}_3 = (\% \text{CO}_2 \times M) / 44$, where M_1 is the metal and M is the molecular weight of the carbonate. The entire analysis takes 1 1/2 - 2 hrs and the accuracy is within 1%. Orig. art. has: 1 figure and 1 table.

Cond 2/4

43118-65		
ACCESSION NR: AP5005734		
ASSOCIATION: VNIT NP		
SUBMITTED: 00	ENCL: 01	SUB CODE: FP, GC
NO REF BOV: 000	OTHER: 000	
Card 3/4		

LADYZYNSKI, A.

"Chemistry and Physiology of fruit and vegetables"

p. 347 (Panstwowe Wydawn, Rolnicze i Lesne, 1955, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI)LC, Vol. 8, No. 1, Jan. 59.

HALASA, M.; BYSTRICKY, V.; LADZIANSKA, K.; KRCMERY, V.; NERMUT, M.

Electron microscope determination of the effect of polymyxin on
Leptospira in vitro. Cesk. epidem. 11 no.5:305-307 8 '62.

1. Statny veterinarny ustav, pobočka v Bratislave. — Laboratorium
elektronovej mikroskopie Katedry techn. mikrobiologie a biochemie SVST
v Bratislave. — Katedra obecnej biologie Lekarskej fakulty Univerzity
J.Ev. Purkyne v Brne.

(LEPTOSPIRA)

(POLYMYXIN)

KUNICKI, Adam; LADZINSKA, Maria; SZWAGRZYK, Edmund

Histopathology of subtentorial brain gliomas with postoperative survival of over 5 years. Neurol. neurochir. psychiat. Pol. 15 no.4:605-615 J1-Ag '65.

1. Z Kliniki Neurochirurgicznej AM w Krakowie (Kierownik: prof. dr. A. Kunicki) i z Pracowni Patologii Neurochirurgicznej Polskiej Akademii Nauk (Kierownik: prof. dr. A. Kunicki).

L 39018-66 IJP(c)

ACC NR: AP6029576

SOURCE CODE: CZ/0045/65/000/002/0162/0167

AUTHOR: Ladzianska, Zuzana (Bratislava) 17

ORG: CSAV; Department of Mathematics, Slovak Academy of Sciences, Bratislava
(CSAV, Kabinet matematiky, Slovenska akademia vied)

TITLE: Characterization of a directed partially ordered ⁶set by means of the
betweenness relation

SOURCE: Matematicko-fyzikalny casopis, no. 2, 1965, 162-167

TOPIC TAGS: set theory, algebra

ABSTRACT: In the paper, conditions are derived which permit defining a partial
ordering coinciding with the original one by means of the betweenness relation of
a directed partially ordered set. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 12 / SUBM DATE: 03May64 / OTH REF: 003

Card 1/1 *111111*

0917 2670

MARZEN-LADZINSKA, Maria; LADZINSKI, Kazimierz

Fulminating course in a case of spinal leptomeningeal sarcomatosis.
Neurologia etc. polska 11 no.1:61-68 Ja-F '61.

1. Z Zakladu Neuropatologii Polskiej Akademii Nauk i z Kliniki
Neurochirurgicznej AM w Krakowie Kierownik: prof. dr A. Kunicki.

(MENINGIOMA case reports) (PIA MATER neopl)

SYCH, Marek; PIECH, Andrzej; GLAZUR, Janina; MOROZ, Janusz;
SZLEZYNGER, Jozef; WECLAWOWICZ, Janusz; STEFANKO, Stanislaw;
LADZINSKI, Kazimierz

Clinical and experimental studies on the use of fluchtane in
general anesthesia. Pol. przegl. chir. 35 no.10/11:1044-1048
1963.

1. Z I Kliniki Chirurgicznej AM w Krakowie Kierownik: prof.
dr J. Bogusz z Oddziału Chirurgicznego Szpitala Wojskowego
w Krakowie Ordynator: plk. dr A. Bielas z Pracowni Anatomo-
patologicznej Szpitala Wojskowego w Krakowie Kierownik: mjr
doc. dr S. Stefanko z Kliniki Neurochirurgicznej AM w Krakowie
Kierownik: prof. dr A. Kunicki.
(ELECTROENCEPHALOGRAPHY)
(LEUKOCYTE COUNT)
(ELECTROCARDIOGRAPHY)
(EPINEPHRINE) (PHARMACOLOGY)
(BLOOD PRESSURE)

LADZINSKI, R.

POLISH TECHNICAL ABSTRACTS

Vol. 26, Nr. 2, 1957

Ladziński R. Self-Excited Magnetic Amplifier with Resistive Load.

"Wzmacniacz magnetyczny ze sprzężeniem zwrotnym obciążony opornością czynną". Archiwum Automatyki i Telemechaniki (PAN), No. 1-2, Warszawa, 1955, PWN, pp. 5-23, 9 figs.

The theory presented in this paper relates to the self-excited magnetic amplifier. An analysis is made on the assumption of negligible impedance of the control circuit at a load impedance of exclusively active character, and for a magnetization characteristic composed of three straight lines. These characteristics of currents and magnetic fluxes are examined with special reference to the characteristic features of the method involving straight lines. Formulas are derived for the control current and the average value of the load current. On the basis of the results obtained, the control characteristics for two alternatives are presented — for the simple amplifier and for an amplifier with complete self-excitation. A formula is also derived to express the mean amplification of MMF. Attention is drawn to the analogy between magnetic and rotating amplifiers, and the range of applicability of the formulas obtained is discussed finally. The formal similarity is shown between the magnetizing characteristic and the control characteristic in the case of an amplifier with complete self-excitation.

LADZINSKI, R

"Universal characteristics of magnetic amplifiers."

p. 17 (Archiwum Automatyki i Telemekhaniki, Vol.3, no $\frac{1}{2}$, 1958 Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vo, 8, no. Jan 59.

WAJS, K.; ZEYDLER-ZBOROWSKI, Jan, mgr inz.; LADZINSKI, Radoslaw, doc. dr

Review of technical publications. Przegl elektrotechn 40 no.12:
517-518 D '64.

LADZINSKI, Radoslaw

On the theory of half-wave magnetic amplifiers with DC motor load.
In English. Archiw automat 6 no.1:47-70 '61. (EEAI 10:5)

(Automatic control) (Magnetic amplifiers)
(Electric motors)

ACCESSION NR: AP4033692

S/0193/64/000/004/0037/0039

AUTHOR: Ladyzhinskiy, M. M.

TITLE: Centralized control electronic computer "Zenit-2"

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 4, 1964, 37-39

TOPIC TAGS: electronic computer, Zenit-2 digital computer, automatic control equipment, thyatron with cold cathode

ABSTRACT: The serially produced Zenit-2 is designed for automation of production and technological processes in industrial plants. The Zenit-2 automatically controls up to 80 programmed parameters with any deviation from the norm indicated by a flashing light and sound signal. The computer makes periodic checks of the signal, control, and measuring systems and indicates all components are operating by printing a given digit in a designated column of a data card. The Zenit-2 can be used with various types of sensory circuits with temperature ranging from 15 to 50°C and relative humidity from 30 to 80%. The use of thyatrons with cold cathodes instead of electron

Card

Card 1/2

0000028420008-8

VAGAPOV, I.M., inzh.; LADYZHINSKIY, P.B., inzh.

Standardization of electrodes for the welding of 18-8 type steel.

Svar. proizv. no.8:8-11 Ag '62. (MIRA 15:11)

1. Opytnyy svarochnyy zavod Mosgorsovnarkhoza.
(Steel alloys--Welding) (Electrodes--Standards)

LAERT, V.I.; SHOR, G.M.

Underground water of the Karakata Depression. Uzb. geol. zhur.
7 no. 4: 73-82 '63. (MIRA 16:10)

1. Tashkentskiy politekhnicheskiy institut.
(Karakata Depression—Water, Underground)

LIPETS, A.U., inzh.; LAFA, Yu.I., inzh.; FOMINA, V.N., inzh.; LOKSHIN,
V.A., kand. tekhn. nauk

Aerodynamic resistances of compact checkerboard tube clusters.
Teploenergetika 12 no.6:32-34 Je '65. (MIRA 18:9)

1. ZiO i Vsesoyuznyy nauchno-issledovatel'skiy teplotekhnicheskiy
institut.

LAFAY, F.

Surgical film. Polski tygod. lek. 8 no.19:Suppl., 151-152; contd. 11 May
1953. (CML 25:1)

LAFAY, F.

~~Surgical film.~~ Polski tygod. lek. 8 no.20:Suppl.,156-157; concl. 18 May
1953. (CIML 25:1)

KHEYFETS, Lev Moiseyevich; LAFAZAN, M., red.; MALEK, Z., tekhn. red.

[Technical and economic problems of the design and modernization of printing machinery] Tekhniko-ekonomicheskie voprosy konstruirovaniia i modernizatsii poligraficheskikh mashin. Moskva, Izd-vo "Iskusstvo," 1962. 222 p. (MIRA 15:11)
(Printing machinery and supplies)

VOROB'YEV, Vasilii Aleksandrovich, zasl. deyatel' nauki i tekhniki
RSFSR, doktor tekhn. nauk; KOLOKOL'NIKOV, Vadim Sergeyevich,
kand. tekhn. nauk; Primal uchastiye FEDOSEYEV, G.P., inzh.;
SHUBENKIN, P.F., prof., nauchnyy red.; LAFAZAN, M.I., red.;
DORODNOVA, L.A., tekhn. red.; PERSON, M.N., tekhn. red.

[Study of materials for masons and concrete workers]Materialo-
vedenie dlia kamenshchikov i betonschchikov. Moskva, Proftekh-
izdat, 1962. 250 p. (MIRA 15:11)
(Building materials)

KRIVTSOV, Boris Panteleymonovich; SHAFIRO, Il'ya Grigor'yevich,
inzh.; ESKIN, Ya.D., nauchn. red.; LAFAZAN, M.I., red.

[Laying tiles, mosaics, and "xyioliths."] Plitochmye, mo-
zaichnye i ksilolitovye raboty. Izd.3., perer. i dop. Mo-
skva, Vysshaya shkola, 1964. 301 p. (MIRA 17:7)

COMMON ELEMENTS		PROCESSES AND PROPERTIES INDEX	
1ST AND 2ND DIGIT	3RD AND 4TH DIGIT	1ST AND 2ND DIGIT	3RD AND 4TH DIGIT
LAFER, I.M.		27	
<p>The transformation of silite silicon chips. A. D. Dvorski, I. M. Luter, and M. I. Erukhinovich. <i>Lepkaya Prom.</i> 8, No. 10, 25-0 (1948).—Work on production of turning materials from the waste from a silite alc. plant is described.</p> <p>Marshall Situg</p>			
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION			
SECOND DIGIT ONLY		THIRD DIGIT ONLY	

RUBINSHTEYN, A.M., YAKOVLEV, V. et al.

Catalytic ketonization of acetic acid over a mixed CaO-ZnO catalyst. *Kin. i kat.* 5 no.2:119-123 Moskv '61. (MIRA 17:8)

1. Institut organicheskoy khimii imeni Melnikova AN SSSR.

MILLER, V.B.; NEYMAN, M.B., PUDOV, V.S.; LAZER, L.I.

Thermal oxidative degradation of polypropylene. Part 1: General characteristics of the oxidation reaction. Vysokom.sped. 1
no.11:1696-1702 N '59. (MIRA 13:5)

1. Institut khimicheskoy fiziki AN SSSR.
(Propene)

YAKERSON, V.I.; LAFER, L.I.; GORSKAYA, L.A.; RUBINSHTEYN, A.M.

Chromatographic study of physical and chemical adsorption of hydrocarbons on an aluminum-chromium-potassium catalyst. Izv. AN SSSR. Ser. khim. no.9:1725-1726 S '64. (MIRA 17:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

YAKERSON, V.I.; LAZER, L.I.; RUBINSHTEYN, A.M.

Thermogravimetric study of the kinetics and mechanism of decomposition of a mixture of Ca and Li acetates. *Kin.i kat.* 5 no.6: 1014-1019 N-D '64. (MIRA 18:3)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.

YAKERSON, V.I.; LAHER, L.I.; KLYACHKO-GURVICH, A.I.; RUBINSHTEYN, A.M.

Catalytic ketonization of acetic acid over mixed catalysts
 $ZrO_2 - Al_2O_3$. Izv. AN SSSR. Ser.khim. no.1:83-89 '66.
(MIRA 1967)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
Submitted August 23, 1963.

YAKERSON, V.I.; LAFER, L.I.

Gas-liquid chromatography of pyridine bases. Izv. AN SSSR. Ser. khim.
no.4:611-618 '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

LAFETOV, A., podpolkovnik

Each soldier is a skilled rifleman. Voen.vest. 41 no.10:29-31
0 '61. (MIRA 15:2)

(Shooting, Military)

CZECHOSLOVAKIA/Forestry - Forest Management

K-4

Abs Jour: Ref Zhur - Biol., No 19, 1958, 86875

Author : ~~Laffers~~, Anton

Inst : Not given

Title : The Value of Trimming Branches from Common Pine
(Pinus silvestris L.)

Orig Pub: Les, 1956, 12, No 6, 244-250

Abstract: The problem is examined of trimming branches from pine in order to increase the quality of the wood in mixed and pure stands (Hungary). Trimming is proposed in stands of I, II and, more rarely, III out locality class gradings. Practically, it was established that it is best to carry out the first trimming at a trunk diameter of under 16 cm. When selecting trees, one must be governed in the first place by their sizes and only secondarily by their age. The choice of 77-240 specimens of pine, per single hectare depending on the locality class and composition of the stand, is suggested. Trimming

Card 1/2

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- APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928420008-8"

USSR/Forestry - Forest Management,

K-4

Abs Jour: Ref Zhur - Biol., No 19, 1958, 86872

Abstract: a 30% composition of larch species to the pine stand influences the increase in snow accumulation to the same extent as the intensive maintenance cutting. The dependence of growth on moisture in stands of six basic forest types is demonstrated. -- I. A. Bashkirov.

Card 2/2

LAFFERS, A.

SCIENCE

LAFFERS, A. The origin and the development of the botanical garden of the Slovak Academy of Science in Kosice. p. 627.

Vol. 12, no. 8, 1957.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. '58

LAFFERS, A.

SCIENCE

LAFFERS, A. Boundaries and characteristics of the area where the walnut
Juglans regia L. occurs in Eastern Slovakia and its ecologic
characteristics. p. 347.

Vol. 13, No. 5, 1958.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. '58

LAFFERS, A.

"Application of 2, 4-D and β -indolylacetic acid as growth stimulators and the use of pest and "stratified" seedlings for new fir growths on blown sand"

Lesnický časopis. Bratislava, Czechoslovakia. Vol. 5, no. 1, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 5, no. 1, 1959

LAFFERS, A.

CZECHOSLOVAKIA/Cultivated Plants - Fruits, Berries.

11-3

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39515

Author : Laffers, A.

Inst :

Title : Walnut Varieties Which Develop Late.

Orig Pub : Rol'nohospodarstvo, 1957, 4, No 3, 587-594

Abstract : A variety of walnut which develops late was found in the rayon of Sabinovska (Slovakia). It is frost and disease resistant, and it produces somewhat better nut-fruits than other varieties. However, its yield capacity is only 10 kg per tree, and the weight of the core in relation to the whole nut is 35%. -- Ye.A. Marshina.

Card 1/1

HONCARIV, Robert: LAFFERS, Anton

Apparatus for studies of the effect of chronic gama irradiation on
greenhouse plants. Biologia 15 no.4:289-293 '60. (EEAI 9:9)

1. Biologicky ustav Lekarskej fakulty University Komenskeho,
Kosice (for Honcariv). 2. Botanicka zahrada Slovenskej akademie
vied, Kosice (for Laffers)

(RADIATION)

(GAMMA RAYS)

(GREENHOUSE PLANTS)

LAFFERS, Anton

An international dendrologic congress was held in the Mlyanany
Arboretum. Biologia 15 no.8:631-633 '60. (EEAT 10:4)
(TREES)

CZECHOSLOVAKIA

Frantisek SIMANCIK and Anton LAFTERS, Arboretum of the Slovak Academy of Sciences (Arboretum Slovenskej akademie vied), Miynany.

"Effect of Gibberellic Acid on the Seed Germination in *Thuja orientalis*."

Bratislava, Biologia, Vol 18, No 1, 1963; pp 72-75.

Abstract [German summary modified]: Soaking of seeds of *Thuja orientalis* L. into aqueous solution containing 75 to 100 mg. gibberellin/L. increased the germinating energy and the number of germinating seeds (15% higher at 100 mg./L.). Table, 2 graphs; 2 Soviet, 2 Western, 1 Czech reference.

1/1

LAFFERS, A.I.

Methods and prospects for the acclimatization of evergreen plants
at the Mlynany Arboretum. Bot. zhur. 48 no.7:1074-1081 J1 '63.

(MIRA 16:9)

1. Institut "Arboretum Mlyanyany" Akademii nauk Chekhoslovatskoy
Sotsialisticheskoy Respubliki.

(Mlynany—Evergreens) (Mlynany—Plant introduction)

SIMANCIK, Frantisek, inz.; LAPPERS, Anton, inz., CSc.

Effect of gibberellic acid on seed germination and on
seedling growth of some coniferous trees. Les cas 9 no.8:
727-736 Ag '63.

1. Ceskoslovenska akademie vied, Arboretum Slovenskej akademie
vied Mlynany.

LAFFERS, Zoltan; BOZSOKY, Sandor

Significance of the determination of C-reactive proteins in inflammatory eye diseases. Szemeszet 96 no.3:101-108 S '59.

1. Az Országos Reuma és Furdougyi Intezet (Igazgato: Farkas Karoly, az orvostudományok doktora) Szemeszeti Osztalyanak (Foorvos: Lugossy Gyula, az orvostudományok kandidatusa) es az Országos Balneologiai Kutato Intezet (Igazgato: Schulhof Odon, az orvostudományok kandidatusa) Kutato Laboratoriumanak (Foorvos: Richter Andras) kozlemenye.

(C-REACTIVE PROTEIN)

(OPHTHALMIA blood)

LAFFERS, Zoltan; BOZSOKY, Sandor

Endogenous Proteus panophthalmitis. Szemeszet 97 no.4:235-242
D '60.

1. Az Országos Reuma és Furdougyi Intezet (Igazgato: Farkas Karoly,
az orvostudományok doktora) Szemosztalyanak (Foorvos: Lugossy Gyula,
az orvostudományok kandidatusa) koklemenye.
(PROTEUS INFECTIONS compl)
(PANOPHTHALMITIS etiol)

LAFFERS, Zoltan

Significance of the examination of the aqueous humor in the diagnosis of uveitis. Szemeszet 99 no.2:87-91 Jé '62.

1. Az Országos Reuma és Furdougyi Intezet (Igazgato: Farkas Karoly,
as orvostudományok doktora) Szemosztalyanak (Fo orvos: Lugossy Gyula,
as orvostudományok kandidatusa) kozlemenye.
(AQUEOUS HUMOR chem) (UVEITIS diag)

LAFFERS, Zoltan

HUNGARY

HEGYESSY, Gyula, Dr. KUBINYI (Mrs), SCHWANNER, Marta, Dr. LAFFERS, Zoltan, Dr. BALAZS, Erzsebet, Dr: National Public Health Institute (Orszagos Kozegeszsegugyi Intezet), Capital City Public Health and Medical Clinic for Contagious Diseases (Fovarosi Kozegeszsegugyi Jarvanyugyi Allomas), National Institute for Rheumatism and Balneology (Orszagos Rheuma- es Furdougyi Intezet) Department of Ophthalmology (Szemeszeti Osztaly), and Medical University of Budapest, II. Eye Clinic (Budapesti Orvostudomanyi Egyetem II. Szemeszeti Klinika).

"Eye Diseases Caused by Leptospirae in Hungary."

Budapest, Orvosi Hetilap, Vol 104, No 17, 28 Apr 63, pages 788-791.

Abstract: [Authors' Hungarian summary] During examination of 284 cases of uveitis of unknown etiology, 6 cases were found in which the anamnesis, clinical data and serological examinations pointed to leptospirae as causative agents. The authors point out that in villages, eye diseases caused by leptospirae are probably not rare. It is recommended that patients who had leptospirosis be checked by eye specialists and that cases of uveitis of unknown cause undergo serological tests for leptospirae. 4 Eastern European, 26 Western references.

1/1

LAFITSKAYA, T.N.; KAPTEREVA, Yu.V.; ASEYEVA, I.V.

Biosynthesis of free amino acids by sporeforming bacteria. Vest. Mosk.
un. Ser.6: Biol., pochv. 20 no.3:65-71 My-Je '65. (MIRA 18:7)

1. Kafedra biologii pochv Moskovskogo universiteta.

IAGA, R.G.

Stochastic independence of uniform quadratic statistics and mean values. Vest.Len.un. 11 no.1:25-32 '56. (MLRA 9:5)

1. Issledovatel'skiy i pedagogicheskiy institut. Indiyanskiy statisticheskiy institut, Kal'kutta.
(Mathematical statistics)

LAGA, R.G.

Normal distribution characterization based on the properties
appropriate to linear statistics. Vest. Len. un. 11 no.13:90-98
'56. (MIRA 9:10)

(Distribution (Probability theory))

LAGACHEV, A. A.

Magnetometric prospecting; textbook for higher educational institutes specializing in geophysical methods of prospecting. Moskva, Gos. izd-vo geol. lit-ry, 1951. 305 p. (55-41099)

TN269.L6

LAGADIN, N.
~~SOURCE (in caps)~~; Given Name

Country: Rumania

Academic Degrees: --

Affiliation: --

Source: Bucharest, Probleme Zootehnice si Veterinare, No 4, 1961, pp 19-24.

Data: "The Usage of More Economical Fodder for the Feeding of Milk Cows, An Important Means for the Reduction of Cost and Raising Profitability."
A milk

LAGADIN, N.

Problems of fruit growing development. Probleme econ 15 no.11:44-54
N '62.

LAGADIN, N.; POPESCU, O.

Reduction reserves of the cost price of grapes. Probleme econ 17 no.2:
119-126 F '64.

LAGADINOVA-STAIKOVA, EL. BAEVA, R. Iordanova

Quantitative inheriting properties in the first generation of
winter wheat at the interspecies hybridization. Izv Tsentral lab
genet 1:119-138 '63.

TSIKOV, D.; LAGADINOVA-STAIKOVA, E.

Symposium on Wheat Genetics and Selection. Selskostop nauka
[2] no. 2: 265-268 '63.

LAGADINOVA-STAIKOVA, E.

Hybridization of soft winter wheat with Triticale. Doklady
BAN 16 no. 4: 417-420 '63.

1. Submitted by Academician R. Gheorghieva [Georgieva, R.].

L 25608-66
ACC NR: AP6008221

SOURCE CODE: BU/0011/65/018/004/0385/0388

AUTHOR: Lagadinova Staykova, E.

ORG: Central Laboratory of Genetics, Academy of Agricultural Sciences

TITLE: Characteristics of the hybrids in F sub 1 between tr. durum and triticale (2n = 56)

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 385-388

TOPIC TAGS: wheat, agriculture crop, plant genetics, plant reproduction

ABSTRACT: No information can be found in the literature concerning the use of Triticale as a component during hybridization with Tr. durum. On account of earlier promising results of the crossing of Tr. aestivum with Triticale (see, e.g., Compt. rend. Acad. bulg. Sci., 16, 1963, No 4, 417) the author started the investigation of the crossability and the character of the hybrids obtained between Tr. durum and Triticale with the aim of enriching the initial material for the selection of hard wheat, creating varieties possessing higher resistance to frost and creating higher protein content varieties. The hybridization was carried out in 1963 between the

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L 15608-66

ACC NR: AP6008221

Bulgarian winter-spring varieties of hard wheat 13-var. melanopus, 132-var. hordeiforme, 233-var. apulicum, and a number of local forms and the winter amphidiploids (2n = 56) 121, 129, and 130. Pollination was carried out with the method of restricted-free pollination devised by Lukyanenko. The results obtained from analysis of the hybrids in F₁ (Tr. durum x Triticale) furnish sufficient grounds to assume that hybridization between Tr. durum and Triticale (2N = 56) is a promising undertaking. The paper was submitted by Academician R. Georgieva, 16 December 1964. Orig. art. has 2 figures and 2 tables. /JPRS/

SUB CODE: 02, 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

TS
Card 2/2

STYPULKOWSKI, Cezary; LAGAN, Wiktoria; STYPULKOWSKA, Jadwiga

Chronic focal oral infection as a factor causing the appearance of hemorrhagic hyperglobulinemic purpura of Waldenstrom. Pol. tyg. lek. 20 no.20:734-735 17 My '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Krakowie (Kierownik: doc. dr. St. Kirchmayer) i z Zakładu Chirurgii Stomatologicznej AM w Krakowie (p.o. Kierownika: doc. dr. L. Sieppel).

KACALOVA, Olga; LAGANOVSKA, Ruta; SKLENNIKS, C., red.; BITARS, A.,
tekh. red.

[Food supply for fish in the lakes of the Latvian S.S.R.]
Zivju baribas baze Latvijas PSR ezeros. Riga, Latvijas PSR
Zinatnu akademijas izdevnieciba, 1961. 103 p. (MIRA 15:3)
(Latvia--Fishes--Food)

LAGANOVSKA, R.

Zooplankton of Lake Kaniers. Izv.AN Latv.SSR no.7:97-101 '63.
(MIRA 17:4)

1. Latvijas PSR Zinatnu akademijas Biologijas instituts.

LAGANOVSKAYA-SELKERE, R. Yu.

LAGANOVSKAYA-^LSELKERE, R. Yu., Cand Biol Sci -- (diss) "Whitefish-[#]
Coregonus albula (L.) - of ~~Lat~~ LatSSR Lakes and Its Biology."
Riga, 1957. 20 pp. (Min Higher Ed USSR, Latvian State Univ),
200 copies. (KL, 7-58, 109-110)

- 16 -

LACANOVSKAYA, SELKERE,
R. Yu.

Acclimatization of whitefish in Latvian lakes. p. 149.

PTOLOICHTESKALA NAUKA; SELSĒDMU I LĒSNOMU KĀIZLĀISTVU. (Latvijas PSR
Zinatnu akadēmija. Bioloģijas zinātņu nodaļa) Rīga, Latvija, Nr. 3, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncle.

LAGANOVSKIS, S.; SAULITE, E.

Studies of infectious atrophic rhinitis in swine, microflora
of the nose. Vestis latv ak no.2:119-124 '62.

1. Latvijas PSR Zinatnu akademijas Mikrobiologijas
instituts.

*

LAGANOVSKIS, S.

Studies on infectious atrophic rhinitis in pigs. Vestis Latv ak no.8:
111-116 '61.

1. Latvijas PSR Zinatnu akademijs, Mikrobiologijas instituts.

LAGANOVSKIY, S. YA.

LAGANOVSKIY, S. YA.: "The vitamin-B12 content of the milk of cows of the Latvian brown strain". Riga, 1955. Acad Sci Latvian SSR. Inst of Microbiology. (Dissertation for the Degree of Candidate of BIOLOGICAL Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955

LAGANOVSKIY, S. YA.

"The Determination of Vitamin B₁₂ Content in Milk," by S. Ya. Laganovskiy, Trudy Instituta Mikrobiologii A N LatvSSR (Works of the Institute of Microbiology, Academy of Sciences Latvian SSR), Vol 4, 1956, pp 97 - 105 (from Referativnyy Zhurnal -- Khimiya Biologicheskaya Khimiva, No 1, 10 Jan 57, Abstract No 169

The purpose of the present research was to explain how vitamin B₁₂ is extracted from milk and whether or not KCN was necessary as a stabilizing substance in this extraction.

Various microbiological methods were used and they proved that, without KCN, vitamin B₁₂ is destroyed. Complete stabilization is attained by the addition of four ml of a 0.01 % solution of KCN to 25 ml of the sample.

Sum. 1305

LAGANOVSKIY, S. Ya.

GENERAL

PERIODICALS: VESTIS NO. 1, 1958

LAGANOVSKII, S. Conference on tuberculosis-controlling problems for farm animals and poultry. In Latvian and Russian. p. 163.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1969, Unclass.

LAGANOVSKIS, S. (Riga)

On synthesis of lactic acid microorganisms and vitamin B₁₂.
Report II. Vestis Latv ak no.9:141-144 '59. (EEAI 9:10)

1. Latvijas PSR Zinatnu akademijs Mikrobiologijas instituts.
(Lactic acid) (Microorganisms) (Vitamin B₁₂)

SAULITE, E.; LAGANOVSKI^YS, S.

Studying pneumonia in pigs in the Latvian S.S.R. [in Latvian with summary in English]. ~~Vestis~~ Latv ak no.1:97-104 '62.

1. Latvijas PSR Zinatnu akademijs, Mikrobiologijas instituts

KUKAYN, R.A.[Kukain, R.], kand. med. nauk, red.; PLANDER, E.M.[Planders, E.],
kand. med. nauk, red.; LAGANOVSKIY, S.Ya., kand. biol. nauk, red.;
PAVLOVICH, D.Ya., kand. biol. nauk, red.; YAKOBSON, Yu.O.
[Jakabsons, J.], kand. biol. nauk, red.; SHKLENNIK, Ch., red.;
PILADZE, Ye.[Piladze, E.], tekhn. red.

[Micro-organisms and the environment] Mikroorganizmy i sreda. Riga,
Izd-vo Akad. nauk Latviskoi SSR, 1962. 142 p. (MIRA 16:2)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademijs.
Mikrobiologijas instituts.
(MICRO-ORGANISMS)

LAGANOVSKIY, Ya. M. In Latvian

LAGANOVSKIY, Ya. M. -- "Use of Manganese, Zinc, and Copper for Fertilization Under Conditions Prevailing in the Latvian SSR." Latvian Agricultural Academy, 1952. In Latvian (Dissertation for the Degree of Candidate of Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

LASHKEVICH, A.M.; TERENT'YEVA, A.A.; IVANOVA, L.S.; BORODULINA, M.A.;
 VELICHENKO, I.N.; NIKULENKO, V.S.; KONSHINA, T.I.; SHAKHOVA, T.P.;
 NYASHINA, A.A.; YASINSKAYA, Z.A.; AGAL'TSEVA, N.B.; SEL'MENSKAYA,
 Ye.G.; KRETSMER, V.L.; KONONOVICH, L.K.; FEDORAYEVA, A.M.; TKACHUK,
 L.Ya.; VYATKINA, G.A.; SLOUSHCH, V.S.; RACHINSKAYA, L.N.; PORTNAYA,
 R.Yu.; KARAKOVSKAYA, E.M.; POKROVSKAYA, M.A.; KORNEVA, A.I.;
 YERSHOVA, K.F., otv. red.; Prinimal uchastiye KAMANOV, M.I., red.;
LAGAREVA, A.P., otv. za vypusk; NIKITINA, I.P., tekhn. red.

[Economy of Novosibirsk Province; collection of statistics] Narodnoe
 khoziaistvo Novosibirskoi oblasti; statisticheskii sbornik. Novo-
 sibirsk, Gosstatizdat TsSU SSSR, 1961. 331 p. (MIRA 15:6)

1. Novosibirsk. Oblastnoye statisticheskoye upravleniye. 2. Na-
 chal'nik Statisticheskogo Upravleniya Novosibirskoy oblasti (for
 Yershov). 3. Zamestitel' nachal'nika Statisticheskogo Upravleniya
 Novosibirskoy oblasti (for Kamanov).

(Novosibirsk Province—Economic conditions)

S/051/63/014/002/004/026
E039/E120

AUTHORS: Lagar'kov, A.N., and Yakubov, I.T.

TITLE: The influence of radiation on the state of a gas
before the front of a shock wave

PERIODICAL: Optika i spektroskopiya, v.14, no.2, 1963, 199-207

TEXT: The distribution of excited atoms before the front of a shock wave in a monatomic gas is examined. Firstly, the concentration n_a of excited atoms before a front arising as a result of the absorption of radiation emitted by the front is considered and integro-differential equations with respect to n_a are derived. Transitions can occur between different excited states and the effect of the presence of a metastable state for the case of a shock wave passing through mercury vapor is shown to produce a considerable increase in the concentration of excited atoms. The concentration of electrons before a shock as a result of photo-ionization is also considered in detail. These results are compared with experiment; in particular with the work of H.D. Weymann (Phys. of Fluids, v.3, 1960, 545, and Bull. Amer. Phys. Soc., v.6, 1961, 212). He shows that at 5 cm from the front
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The influence of radiation on the ... S/051/63/014/002/004/026
E039/E120

the diffusion is ambipolar while at greater distances (5-50 cm) charge separation occurs. The velocity of the electric precursor signal is also shown to be about twice the wave velocity. This effect may be connected with non-stationary waves of photo-electrons.

There are 4 figures.

SUBMITTED: April 5, 1962

Card 2/2

ACCESSION NR: AP4020936

S/0051/64/016/002/0320/0324

AUTHOR: Biberman, L.M.; Lagar'kov, A.N.

TITLE: Influence of spectrum lines on the coefficient of radiant thermal conductivity

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 320-324

TOPIC TAGS: radiative transfer, thermal conductivity, heat conduction, radiation mean path, absorption coefficient, Rosseland mean, molecular spectrum

ABSTRACT: In certain cases the process of radiative transfer can be considered in the framework of the theory of thermal conductivity. The main difficulty in this case consists in calculating the mean free path of the radiation, or the Rosseland mean, which determines the magnitude of the radiant thermal conductivity coefficient. Accordingly, in the present paper, starting with the usual equation for the radiation mean free path, there is considered the influence of spectrum lines, i.e., the radiation in the region of spectrum lines as opposed to radiation in the continuum, on the Rosseland mean and hence on the value of the radiant thermal conductivity coefficient. It is demonstrated for the specific case of hydrogen plasma that

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ACCESSION NR: AP4020936

neglect of the spectrum lines results in overestimation of the mean free path by a significant factor. The relative importance of the radiation in the lines increases with increasing temperature and pressure. Thus, in some cases neglect of the radiation in the lines and bands may result in appreciable errors. Moreover, taking lines (and bands) into account, by reducing the estimated radiation mean free path, extends the range of applicability of diffusion approximation. Finally, there is proposed an approximate method for calculating the Rosseland mean in the case of superposition of molecular bands on the continuous spectrum. Orig.art.has: 11 formulas and 3 figures.

ASSOCIATION: none

SUBMITTED: 10May63

DATE ACQ: 02Apr64

ENCL: 00

SUB CODE: PH

NR REF SOV: 001

OTHER: 005

3/2
Card

L 43148-66 EWT(1) IJP(c) AT
 ACC NR: AP6021207 (N) SOURCE CODE: UR/0294/66/004/003/0305/0313

AUTHOR: Lagar'kov, A. N.

ORG: Moscow Power Engineering Institute (Moskovskiy energeticheskiy institut)

TITLE: Conditions for applying local thermodynamic equilibrium approximation

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 3, 1966, 305-313

TOPIC TAGS: plasma electron temperature, excited electron state, excitation spectrum

ABSTRACT: Integral equations for ^{2/}electron and ^{2/}excited atom concentrations are analyzed to determine a set of criteria which determines the existence of local thermal equilibrium in a plasma with spatially nonuniform temperature distribution. Criteria for the ground and excited levels in the atom are given. Other modifications of the criteria are derived for various special cases, e. g., plasma volume elements surrounded by black body layers of arbitrary temperature. It is shown that a case of real plasma, where many excitation levels of atoms and ions are present, is very difficult to treat because of the couplings between levels resulting from both collisional and photon-absorbing processes. However, an approximate criterion for multi-level systems is derived for the case when it can be assumed that all excited states and the continuum spectrum can be combined into one group. The analysis presented in this work is valid for plasmas involving an inelastic collisional process where the electrons have

UDC: 533.915.533.932

Card 1/2

L 43148-66

ACC NR: AP6021207

local Maxwell distributions determined by the local temperature. The author thanks L. M. Biberman for proposing the topic and for advice and suggestions in carrying out the work. The author also thanks I. T. Yakubov for his comments. Orig. art. has: 26 formulas.

SUB CODE: 20/

SUBM DATE: 16Apr65/

ORIG REF: 007/

OTH REF: 001

Card 2/2 MLP

L 12001-66 EWT(1)

ACC NR: AP5022859

SOURCE CODE: UR/0051/65/019/003/0326/0330

AUTHOR: Biberman, L. M.; Vorob'yev, V. S.; Lagar'kov, A. N.

ORG: none

TITLE: Radiation transfer in an ionization continuum

SOURCE: Optika i spektroskopiya, v. 19, no. 3, 1965, 326-330

TOPIC TAGS: ionization, radiation spectrum, continuous spectrum, spectral line, photon emission

ABSTRACT: This is a continuation of work by one of the authors (Biberman, ZhETF v. 17, 416, 1947), where a theory of radiation transfer in spectral lines was proposed. In the present article this theory is extended to include certain cases of radiation transfer in a continuous spectrum, and in particular to the case of radiation transfer in an ionization continuum. It is shown that such radiation transfer should be considered as a combination of re-emission acts, during which the photon frequencies vary within the limits imposed by the width of the continuum. An integral equation for the concentration of the electrons is obtained, and its approximate solution is given. A system of equations which describes the processes of radiation transfer both within the continuum and in the discrete spectrum is formulated. The extent to which the beam of photons emitted by the elementary domains deviates from an exponential dependence on the distance traversed is analyzed and it is shown that for the very common case when the absorption coefficient is inversely proportional to the cube of the fre-

Card 1/2

UDC: 535.2.001.1

L 12001-66

ACC NR: AP5022859

quency the deviation from exponential is considerable. The theory can be easily generalized to radiation transfer in continuous spectra of other types, such as radiation transfer in the continuum of negative ions. Orig. art. has: 1 figure and 20 formulas.

SUB CODE: 20/ SUBM DATE: 26May64/ ORIG REF: 006

18/

HW
Card 2/2

UGINCHUS, A.A., doktor tekhnicheskikh nauk, professor, redaktor; LAGAN'KOV,
N.I., inzhener, nauchnyy redaktor.

[Planning and building earthwork] Proektirovanie i stroitel'stvo zemlia-
nykh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitek-
ture, 1953. 183 p.

(MLRA 7:5)

(Earthwork)

UGINCHUS, A.A., professor, doktor tekhnicheskikh nauk, redaktor; ~~LAGAR'KOV~~,
N.I., inzhener, nauchnyy redaktor; SAFONOV, P.V., redaktor; ~~DAKHNOV~~,
V.S., tekhnicheskiiy redaktor

[Research on hydraulic installations] Issledovanie gidrousllov. Pod
obshchei red. A.A.Uginchusa. Moskva, Gos. izd-vo lit-ry po stroitel'-
stvu i arkhitekture, 1954. 127 p. (MLRA 8:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut vodosnab-
zheniya, kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoy
gidrogeologii. Ukrainskoye otdelenie.
(Hydraulic engineering)

KUSKOV, Lev Sergeyevich; BOGDANOV, A.T., retsenzent; POLIN, Kh.M., retsenzent;
LAGAR'KOV, N.I., red.; DOBRONRAVOVA, S.M., red.izd-va; SALAZKOV, N.P.,
tekh.n.red.

[Hydrological and water supply calculations in the exploitation of
reservoirs] Gidrologicheskie i vodokhoziaistvennye raschety pri
ekspluatatsii vodokhranilishch. Moskva, Izd-vo "Rechnoi transport,"
1957. 247 p. (MIRA 11:4)

(Hydrology--Tables, calculations, etc.)

L.I. G. R. N. I.
ISTOMINA, V.S.; LAGAR'KOV, N.I., inzhener, redaktor; GOLUBENKOVA, L.A.,
redaktor izdatel'stva; TOKER, A.M., tekhnicheskij redaktor;
LAGUTINA, I.M., tekhnicheskij redaktor

[Infiltration resistance of earths] Fil'tratsionnaya ustoychivost'
gruntov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957.
295 p. (MLRA 10:6)
(Soil percolation)

LAGAR'KOV, N.I., inzhener; SUMKIN, P.A., inzhener.

Installing double hinged sluice gates. Gidr. stroi. 26 no.3:26-29
Mr '57. (MIRA 10:4)

(Sluice gates)

TSYTOVICH, N.A., prof.; VESELOV, V.A., dotsent, kand.tekhn.nauk; KUZ'MIN, P.G., dotsent, kand.tekhn.nauk; FERRONSKIY, V.I., kand.tekhn.nauk, assistant; Pilyugin, A.I., kand.tekhn.nauk, assistant; LUGA, A.A., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; SOKOLOV, N.M., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; SAVINOV, O.A., doktor tekhn.nauk; KOSTERIN, E.V., kand.tekhn.nauk, assistant. Prinimaili uchastiye: AKINSHIN, V.M.; MARTSENYUK, V.I., starshiy laborant. VASIL'YEV, B.D., prof., doktor tekhn.nauk, retsenzent; BEREZANTSEV, V.G., prof., doktor tekhn.nauk, retsenzent; LAGAR'KOV, N.I., inzh., nauchnyy red.; SMIRNOVA, A.P., red.izd-va; NAUMOVA, G.D., tekhn.red.

[Foundation engineering] Osnovaniia i fundamenty. Pod red. N.A. Tsytoicha. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1959. 452 p. (MIRA 13:5)

1. Chlen-korrespondent AN SSSR (for Tsytoich). 2. Zaveduyushchiy laboratoriyey kafedry osnovaniy i fundamentov Moskovskogo inzhenerno-stroitel'nogo instituta imeni V.V.Kuybysheva (for Akinshin).
3. Zaveduyushchiy kafedroy osnovaniy i fundamentov Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta imeni akademika V.N.Obratsova (for Beresantsev).

(Foundations)

(Soil mechanics)

ZHIANOV, Vladimir Sergeyevich; KUSKOV, Lev Sergeyevich; LAVRINOVICH, Lev Petrovich; MEZHNEV, Dmitriy Ivanovich; POROCHKIN, Yevgeniy Makarovich; RUMYANTSEV, Aleksandr Mikhaylovich; SVETLOV, Mikhail Fedorovich, YARUSTOVSKIY, Andrey Aleksandrovich; LAGAR'KOV, N.I., red.; PEREKHVAL'SKIY, V.S., retsenzent; FEDYAYEVA, N.A., red. izd-va; RIDNAYA, I.V., tekhn. red.

[Operation of hydraulic structures] Ekspluatatsiia gidrotekhnicheskikh sooruzhenii. Izd.2. By V.S.Zhdanov i dr. Moskva, Izd-vo "Rechnoi transport," 1961. 289 p. (MIRA 15:2)

(Hydraulic structures)

LAGAR'KOV, N.I., inzh., nauchnyy red.; SMIRNOVA, A.P., red. 1zd-va;
MOCHALINA, Z.S., tekhn. red.

[Mechanized soil stabilization in construction] Mekhanizirovan-
noe uplotnenie gruntov v stroitel'stve; materialy soveshchaniia.
Moskva, Gosstroizdat, 1962. 113 p. (MIRA 15:12)

1. Soveshchaniye po mekhanizirovannomu uplotneniyu gruntov. 2d,
1960.

(Soil stabilization)

DUBROVA, Georgiy Alekseyevich, prof.; MIKHAYLOV, A.V., doktor tekhn.
nauk, retsenzent; KAPELLO, I.A., inzh., retsenzent;
LAGAR'KOV, N.I., inzh. red.; FEDYATEVA, N.A., red. izd-va;
BODROVA, V.A., tekhn. red.

[Interaction of ground and structures; calculation of non-cohesive ground loads on hydraulic structures taking deformations into consideration] Vzaimodeistvie grunta i sooruzhenii; raschety nagruzok ot nesviaznykh gruntov na gidrotekhnicheskie sooruzheniia s uchetom deformatsii. Moskva, Izd-vo "Rechnoi transport," 1963. 218 p. (MIRA 16:10)

(Hydraulic structures) (Soil mechanics)

MIKHAYLOV, Andrey Vasil'yevich; KUZNETSOV, Aleksey Yakovlevich;
ABRAMOV, Yuriy Semenovich; LAGAR'KOV, N.I., red.

[Construction of the Volga Hydroelectric Power Station
(22d Congress of the CPSU); experience in planning and
carrying out the construction work] Stroitel'stvo Volzh-
skoi gidroelektrostantsii imeni XXII s"ezda KPSU ; opyt
proektirovaniia i proizvodstva rabot. Moskva, 1zd-vo
"Energiia," 1964. 486 p. (MIRA 17:6)

BEREZINSKIY, Aleksandr Rafailovich; LAGAR'KOV, N.I., red.

[Hydraulic structures] Gidrotekhnicheskie sooruzhenia.
Moskva, Energiia, 1965. 234 p. (MIRA 18:11)

ZHIKHOVITSKIY, A.A.; TURKEL'TAUB, N.M.; Prinimali uchastiye: GAYYER, M.;
LAGASHKINA, N.N.

"Vacancy-chromatography." Dokl. AN SSSR 143 no.3:646-648 Mr '62.
(MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neftyanoy institut. Predstavleno akademikom P.A.Rebinderom.
(Chromatographic analysis)

S/032/63/029/001/001/022
B101/B186

AUTHORS: Zhukhovitskiy, A. A., Turkel'taub, N. M., Gayer, M.,
Lagashkina, M. N., Malyasova, L. A., and Shlepuzhnikova, G.P.

TITLE: Vacantochromatography

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 1, 1963, 8 - 13

TEXT: A variant of chromatography is suggested in which the mixture to be separated flows continuously through the column and the carrier gas is added in portions. The rules governing the motion of bands in conventional chromatography apply also to the resulting "vacancies" (places containing no substance to be absorbed). Examples of vacantochromatograms are given for hydrocarbon mixtures where the "vacancies" were produced by addition of 0.6 cm^3 air. The asymmetry of peaks is less when using the suggested method than in the usual adsorption chromatography. The area of the "vacancy" peak is proportional to the volume of the carrier gas added. The sensitivity can be increased by moving a temperature field against the flow. Another variant is the addition of carrier gas with a verifying agent, e.g. butane. The impurity concentration can be calculated.

Card 1/2

Vacantochromatography

S/032/63/029/001/001/022
B101/B186

lated from the ratio between the peaks of the gaseous impurities in He and the peak of the butane vacancy. Vacantochromatography is particularly recommended for the analysis of low-boiling impurities. The direct use of a flame ionization detector is possible when analyzing noncombustible substances. There are 7 figures and 2 tables.

ASSOCIATION: Institut yadernoy geofiziki i geokhimii (Institute of Nuclear Geophysics and Geochemistry)

Card 2/2

LAGASSE, P.E.

Examination of the mechanism of brittle fractures; a bibliographical study. Zavarivac 5 no.1/2:16-20 '60.

AYZTYUSHKOV, Alfey Ivanovich; LAGATKIN, M.N., red.; LEBEDEVA,
Z.V., tekhn. red.

[Housing and health] Zhilishche i zdorov'e. Leningrad,
Medgiz, 1962. 28 p. (MIRA 16:4)
(DWELLINGS—HYGIENIC ASPECTS)

LAGATSKIY, A.P.; LISHNEVETS, Z.I., agronom

Our practices in the use of composts. Zemledelie 27 no.1:
58-61 Ja '65. (MIRA 18:3)

1. Predsedatel' kolkhhoz "Novyy byt", Minskoy oblasti (for Lagatskiy).
2. Kolkhhoz "Novyy byt", Minskoy oblasti (for Lishnevets).